

IN THE CLAIMS:

Please amend the claims as follows:

1. **(Currently Amended)** An electrostatic chuck comprising:

a substrate;

a dielectric layer formed by thermal spraying on an upper face of the substrate;

an internal electrode embedded in the dielectric layer;

a feeder terminal portion extending from a lower face of the substrate to the internal electrode and having a recess; and

an electrode provided in the recess of the feeder terminal portion,

wherein the feeder terminal portion has members and the electrode and the members of the feeder terminal portion are fixed to each other by brazing, diffusion bonding, or soldering,

the dielectric layer has a substrate side recess formed on a surface of the dielectric layer, the surface being located proximate to the feeder terminal portion,

the internal electrode has an exposed portion which is exposed to the feeder terminal portion in the substrate side recess,

the substrate has a substrate side electrode provided at the exposed portion of the internal electrode in the substrate side recess so as to be apart from the dielectric layer and to project from the substrate side recess to the electrode of the feeder terminal portion,

~~and wherein the feeder terminal portion having the electrode and the substrate having the substrate side electrode are removably fixed to each other by mechanical joining, and~~

in the mechanical joining, the substrate side electrode is fit into the recess of the feeder terminal portion and contacts the electrode of the feeder terminal portion.

2. **(Canceled)**

3 **(Canceled).**

4. **(Original)** The electrostatic chuck according to claim 1, wherein the electrode provided in the feeder terminal portion is made of an elastic body.

5. **(Currently Amended)** A production method for an electrostatic chuck comprising steps of:

forming a first dielectric layer by thermal spraying on an upper face of a substrate;

providing ~~a part of an~~ a substrate side electrode and a jig on the substrate;

forming an internal electrode by thermal spraying on an upper ~~face~~ faces of the ~~part of an electrode~~ the substrate side electrode, the jig and the first dielectric layer,

forming a second dielectric layer by thermal spraying on an upper face of the internal electrode;

removing the jig from the substrate; and

removably mounting a feeder terminal portion to the substrate by mechanical joining, the feeder terminal portion having a recess and an electrode provided in the recess, the substrate having the substrate side electrode,

wherein ~~another portion~~ of the electrode and members of the feeder terminal portion are fixed to each other by brazing, diffusion bonding, or soldering beforehand,

in the step of forming the internal electrode, a substrate side recess is formed on a surface of the first dielectric layer, the surface being located proximate to the feeder terminal portion, the internal electrode has an exposed portion which is exposed to the feeder terminal portion in the substrate side recess, and the substrate side electrode is provided at the exposed portion of the internal electrode in the substrate side recess so as to be apart from the first dielectric layer and to project from the substrate side recess to the electrode of the feeder terminal portion, and

in the mechanical joining, the substrate side electrode is fit into the recess of the feeder terminal portion and contacts the electrode of the feeder terminal portion.

6. (Canceled)

7. (Canceled).

8. (Original) The production method for an electrostatic chuck according to claim 5, wherein the electrode provided in the feeder terminal portion is made of an elastic body.

9. (Canceled)

10. (Canceled)